

ABSTRACT

This invention relates to a digital electronic control unit for operating domestic and commercial appliances comprising a plurality of linear and non-linear sensors (2a to 2d), analog multiplexer (3), analog to digital convertor (4), linearity offset and sensitivity correction circuit (5), central control unit (6), digital noise filter (7), digital demultiplexer (8), control latches (9a to 9f) and non-volatile memory (17). The said digital electronic control unit further includes at least one of the following at the input of the said central control unit: real-time clock (C), remote control interface (R), network interface (N). An implementation in the form of an Application Specific Integrated Circuit (ASIC) results in a miniature and cost effective control element.